

INTERNATIONAL SEARCH REPORT

International application No.
PCT/CA2005/000092

A. CLASSIFICATION OF SUBJECT MATTER IPC(7): B65G 47/24, B65G 29/00

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC(7): B65G all

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic database(s) consulted during the international search (name of database(s) and, where practicable, search terms used)
Delphion/Derwent/Canadian Patent Database: turntable, convey*, align, orient, cone, conic, gutter

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 4 205 743 A (WHITMORE) 3 June 1980 (3-06-1980) *Abstract; Col. 2, line 56 - Col. 3, line 6; Fig. 1&3*	1-2, 4-12, 20-22
Y		13-14, 18-19
Y	EP 1 310 430 A1 (AZIONARIA COSTRUXIONI MACCHINE AUTOMATICHE) 14 May 2003 (14-05-2003) *Abstract; Paragraph 0014; Figures*	13-14
Y	EP 0 118 289 A2 (TINGEY & COMPANY (ENGINEERS) LIMITED) 12 September 1984 (12-09-1984) *Abstract; Fig. 1&2*	18-19
Y	JP 10 329 936 A2 (ISHIKAWAJIMA HARIMA HEAVY IND) 15 December 1998 (15-12-1998) *Abstract; Fig 1&2*	18-19
Y	US 3 930 571 A (SIG SCHWEIZERISCHE INDUSTRIE GESELLSCHAFT) 6 January 1976 (6-01-1976) *Abstract; Fig. 1*	18-19

☒ Further documents are listed in the continuation of Box C.

☒ See patent family annex.

<ul style="list-style-type: none"> Special categories of cited documents: 	<ul style="list-style-type: none"> "T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
<ul style="list-style-type: none"> "A" document defining the general state of the art which is not considered to be of particular relevance 	<ul style="list-style-type: none"> "X" document of particular relevance: the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
<ul style="list-style-type: none"> "E" earlier application or patent but published on or after the international filing date 	<ul style="list-style-type: none"> "Y" document of particular relevance: the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
<ul style="list-style-type: none"> "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified) 	<ul style="list-style-type: none"> "&" document member of the same patent family
<ul style="list-style-type: none"> "O" document referring to an oral disclosure, use, exhibition or other means 	
<ul style="list-style-type: none"> "P" document published prior to the international filing date but later than the priority date claimed 	

Date of the actual completion of the international search
13 June 2005 (13-06-2005)

Date of mailing of the international search report
12 July 2005 (12-07-2005)

Name and mailing address of the ISA/CA
Canadian Intellectual Property Office
Place du Portage I, C114 - 1st Floor, Box PCT
50 Victoria Street
Gatineau, Quebec K1A 0C9
Facsimile No.: 001(819)953-2476

Authorized officer
Michael Shaver (819) 934-4258

INTERNATIONAL SEARCH REPORT

International application No.
PCT/CA2005/000092

C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	US 4 494 643 A (SIG SCHWEIZERISCHE INDUSTRIE GESELLSCHAFT) 22 January 1985 (22-01-1985) *Abstract; Fig. 1*	18-19

INTERNATIONAL SEARCH REPORT

Information on patent family members

International application No.
PCT/CA2005/000092

Patent Document Cited in Search Report	Publication Date	Patent Family Member(s)	Publication Date
US4205743 A	03-06-1980	None	
EP1310430 A1	14-05-2003	AT285939T T DE60202429D D1 ITBO20010668 A1	15-01-2005 03-02-2005 05-05-2003
EP0118289 A2	12-09-1984	GB8306329D D0 JP59174432 A	13-04-1983 02-10-1984
JP10329936 A2	15-12-1998	None	
US3930571 A	06-01-1976	CH568908 A5 DE2439136 A1 GB1419242 A IT1016872 B JP1180953C C	14-11-1975 13-03-1975 24-12-1975 20-06-1977 09-12-1983
US4494643 A	22-01-1985	CH648799 A5 DE3138776 A1 GB2088312 A NL8104936 A	15-04-1985 01-07-1982 09-06-1982 16-06-1982